

Docket No.: 50021-024



PATENT

ITW

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of	:	Customer Number: 20277
Hugh McDERMOTT, et al.	:	Confirmation Number: 1302
Application No.: 10/787,260	:	Group Art Unit: 3762
Filed: February 27, 2004	:	Examiner: Not yet assigned
For: COCHLEAR IMPLANT SOUND PROCESSING METHOD AND SYSTEM :	:	

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the documents listed on the attached form PTO-1449. It is respectfully requested that the documents be expressly considered during the prosecution of this application, and that the documents be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

**10/787,260**

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT WILL & EMERY LLP

A handwritten signature in black ink, appearing to read "Keith E. George", written in a cursive style.

Keith E. George  
Registration No. 34,111

600 13<sup>th</sup> Street, N.W.  
Washington, DC 20005-3096  
202.756.8000 KEG:aph  
Facsimile: 202.756.8087  
**Date: October 14, 2004**



SHEET 1 OF 1

INFORMATION DISCLOSURE  
CITATION IN AN  
APPLICATION

(PTO-1449)

ATTY. DOCKET NO.  
50021-024SERIAL NO.  
10787,260APPLICANT  
Hugh McDERMOTT, et al.FILING DATE  
February 27, 2004GROUP  
3762

## U.S. PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		US			
		US			
		US			
		US			
		US			

## FOREIGN PATENT DOCUMENTS

EXAMINER'S INITIALS	CITE NO.	Foreign Patent Document Country Codes -Number -Kind Codes (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines Where Relevant Figures Appear	Translation	
						Yes	No

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER'S INITIALS	CITE NO.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
		CARLYON, R.P., "Detecting pitch-pulse asynchronies and differences in fundamental frequency," <u>Journal Of Acoustical Society of America</u> 95(2): 968-79 (1994)
		CARLYON, R.P., et al., "Comparing the Fundamental Frequencies of Resolved and Unresolved Harmonies - Evidence for Two Pitch Mechanisms", <u>Journal Of Acoustical Society of America</u> 95(6): 3541-3554 (1994)
		CARLYON, R.P., et al., "Temporal pitch mechanisms in acoustic and electric hearing", <u>Journal Of Acoustical Society of America</u> 112(2): 621-33 (2002)
		CULLING, et al. "Perceptual separation of concurrent speech sounds: absence of across-frequency grouping by common interaural delay", <u>Journal Of Acoustical Society of America</u> 98(2Pt.1): 785-97 (1995)
		DURLACH, et al. "Interaural correlation discrimination: II. Relation to binaural unmasking", <u>Journal Of Acoustical Society of America</u> 79(5): 1548-57 (1986)
		GABRIEL, et al. "Interaural correlation discrimination: i. bandwidth and level dependence", <u>Journal Of Acoustical Society of America</u> 69(5): 1394-401 (1981)
		MCKAY et al. "The perception of temporal patterns for electrical stimulation presented at one or two intracochlear sites", <u>Journal Of Acoustical Society of America</u> 100(2Pt.1): 1081-92 (1996)
		PLACK, et al., "Pitch matches between unresolved complex tones differing by a single interpulse interval", <u>Journal Of Acoustical Society of America</u> 108(2): 696-705 (2000)
		SHAMMA, et al., "The case of the missing pitch templates: how harmonic templates emerge in the early auditory system", <u>Journal Of Acoustical Society of America</u> 107(5Pt.1): 2631-44 (2000)
		VLIEGEN, et al., "The role of spectral and periodicity cues in auditory stream segregation, measured using a temporal discrimination task", <u>Journal Of Acoustical Society of America</u> 106(2): 938-45 (1999)

EXAMINER

DATE CONSIDERED

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

1 Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached.